

Minutes of the Bldg 88 Safety Committee

July 28, 2005

Pub-3000, Chapter 8

- Electrical Safety
- Effective August 15, 2005
- Some changes compared to previous Chapter 8
- Modes of operation
 - o Mode 1: De-energized
 - o Mode 2: Energized - Diagnostic
 - o Mode 3: Energized – Manipulative
- Graphics in Ch. 8 show requirements for each class of electrical work
 - o Some exceptions to “two person” rule
 - o Some latitude is given
- Rollout meeting will be held in Bldg 50-Aud
- Proposed Electrical Safety Syllabus (Handout)
- Chapter 8 Appendix Checklist (Handout)
 - o What hazards to identify
 - o What needs attention
- Training
 - o Eight hour course (70E) that most electrical workers must take
 - o Two hour class for those that would like a crash course
 - o Subset of 70E will be given that will last about an hour
 - o All electronic techs, and other electronic workers will be required to read Chapter 8 once a year
- Extension Cord Use
 - o Temporary use only; a few hours or one day
 - o Permanent use will be considered a violation

Safety Updates

- OSHA Findings: Currently being worked on
- IFA Findings: Many noteworthy practices
- Four meetings for this performance year have already been scheduled; This will ensure that we meet our goal of four meetings per year
- Continue with regular scheduled walk-throughs with focus on electrical safety
- General Sciences’ Safety Coordinators
 - o Smaller staff

- o Requires more internal supervision – Divisions must pick up the slack

Chemical Safety

- Important to stay on top of chemicals that are disposed
- Bar-coding and data entry are also important
- A Chemical Safety reference sheet is being developed
- This is possibly something that can be handled locally, instead of by safety coordinators
- Get rid of chemicals that you don't need

New Contract: Changes/Requirements

- Accident prevention; BIG ISSUE – We need to show that we have a procedure to address this
- DOE Representative expected to attend all safety meetings
- ACTION ITEM: How do you generate safety awareness effectively?
- o This will be discussed at next meeting
- o Very serious issue that needs attention

Ergo Issues

- Ergo will be given more attention
- Identify lifting tasks (Send specialized tasks to KH)

Liquid Nitrogen Handling

- Face shields/safety glasses required
- Safety signs and info are now posted
- Requirements are posted at LN Station

Vault Roof Trip Hazards

- Remind everyone to pay attention when walking
- Crack issues
- Minimize storing of boxes/equipment
- Clear paths

Radiation Exposure (Deflector Maintenance)

- Doses are low but there is still some concern
- News article: June 27th
- Are there any reasonable ways to decrease doses?
- Doses were higher than normal due to extra deflector work
- Suggestion: Turn in dosimeters after each maintenance, to ensure a more accurate reading
- Train others so there are more than two people doing deflector maintenance

Misc. Safety Issues

- City of Berkeley inspecting SAA's next week
- Next Meeting: Thursday, September 1, 2:30 PM

Lessons Learned

- UC Santa Barbara: Cylinder blew up; Hydrogen pressure ruptured cylinder
- Operational Health Physics: Failure to properly control items labeled as radioactive material